

Product Datasheet

Integrin beta 3/CD61 Antibody (BV4) NB600-1342

Unit Size: 0.05 mg

Store at 4C.

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Publications: 10

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NB600-1342**Integrin beta 3/CD61 Antibody (BV4)**

Product Information	
Unit Size	0.05 mg
Concentration	0.1 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	BV4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS containing 0.1% BSA

Product Description	
Description	Novus Biologicals Mouse Integrin beta 3/CD61 Antibody (BV4) (NB600-1342) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-Integrin beta 3/CD61 Antibody: Cited in 10 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3690
Gene Symbol	ITGB3
Species	Human, Mouse, Rat, Bovine
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 23857293). Mouse reactivity reported in scientific literature (PMID: 28050799).
Specificity/Sensitivity	The monoclonal antibody BV4 recognizes human beta3 integrin subunit present in Platelet glycoprotein GPIIb-IIIa (integrin alphaIIb/beta3, CD41/CD61) and in the vitronectin receptor (integrin alphaV/beta3, CD51/CD61).
Immunogen	Mouse Integrin alpha V beta 3

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Functional, Immunoassay, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:50, Immunohistochemistry 1:50, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:50, Immunohistochemistry-Frozen 1:50, Functional, Immunoassay

Publications

Rehman R, Miller M, Krishnamurthy SS et al. Met/HGFR triggers detrimental reactive microglia in TBI Cell reports 2022-12-27 [PMID: 36577378] (ICC/IF, Mouse)

Zhang J, Wang L, Li C et al. Letrozole promotes the expression of integrin alpha v beta 3 and HOXA10 in endometrium of endometriosis Systems biology in reproductive medicine 2021-12-28 [PMID: 34962452] (WB)

Xing Q, Feng Y, Sun H Et al. Scavenger receptor MARCO contributes to macrophage phagocytosis and clearance of tumor cells Experimental cell research 2021-10-06 [PMID: 34626585]

Park MH, Kim AK, Manandhar S et al. CCN1 interlinks integrin and Hippo pathway to autoregulate tip cell activity Elife 2019-08-20 [PMID: 31429823] (WB)

Flamini MI, Uzair ID, Pennacchio GE et al. Thyroid Hormone Controls Breast Cancer Cell Movement via Integrin α V/b3/SRC/FAK/PI3-Kinases. Horm Cancer [PMID: 28050799] (WB, Mouse)

Kim JH, Kim YH, Kim YJ et al. Quantitative positron emission tomography imaging of angiogenesis in rats with forelimb ischemia using ^{68}Ga -NOTA-c(RGDyK). Angiogenesis 2013-07-16 [PMID: 23857293] (IHC-P, Rat)

Tang NH, Chen YL, Wang XQ et al. N-terminal and C-terminal heparin-binding domain polypeptides derived from fibronectin reduce adhesion and invasion of liver cancer cells. BMC Cancer. 2010-10-01 [PMID: 20939933]

Neto DS, Pantaleao L, de Sa BC et al. Alpha-v-beta3 integrin expression in melanocytic nevi and cutaneous melanoma. J Cutan Pathol. 2007-11-01 [PMID: 17944725]

Kimmins S, Lim HC, MacLaren LA et al. Immunohistochemical localization of integrin alpha V beta 3 and osteopontin suggests that they do not interact during embryo implantation in ruminants. Reprod Biol Endocrinol. 2004-04-01 [PMID: 15115551]

Soldi R, Mitola S, Strasly M et al. Role of α v β 3 integrin in the activation of vascular endothelial growth factor receptor-2. EMBO J. 1999-02-01 [PMID: 10022831]





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Products Related to NB600-1342

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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